GOVERNMENT OF ANDHRA PRADESH
ABSTRACT

Water Resources Department —Permission for laying underground petroleum product pipeline of Indian Oil Corporation Ltd. (IOCL) along with OFC (optical fibre cable) for transportation of Petrol, Diesel, Aviation Turbine Fuel (ATF) and Kerosene from their Paradip Refinery in Odisha to depots located at Berhampur, Visakhapatnam, Rajahmundry, Vijayawada and Hyderabad by crossing canal system at various locations under the jurisdiction of PIPLMC Circle, Tuni - Permission — Accorded.

WATER RESOURCES (REFORMS) DEPARTMENT

G.O.RT.No. 45 Dated: 22-01-2018.
Read the following:-

1. From M/s Indian Oil Corporation Ltd. Lr.No. PHPL/VJA/ CONST/Canal/207.5/33, dated: 25.10.2016 addressed to the Superintending Engineer, PIPLMC, Tuni, East Godavari District, Andhra Pradesh.
2. From the Engineer-in-Chief, Polavaram Irrigation Project, Dowlaiswaram,Lr.No.ENC/PIP/DCE-2/OT2/AE2/PLIS/Misce, dated: 17.09.2017.
3. From the General Manager(c), Vizag, Indian Oil Corporation Ltd., Paradip - Hyderabad Pipeline Project, Lr.No.PHPL/ VJA/ CONST/ Irri/206.3/502, dated: 23.10.2017.

O R D E R

In the reference 2nd read above, the Engineer-in-Chief, Polavaram Irrigation Project, Dowlaiswaram has stated that, the IOCL authorities requested to accord permission for laying underground petroleum product pipeline for transportation of Petrol, Diesel, Aviation Turbine Fuel (ATF) and Kerosene from their Paradip Refinery in Odisha to depots located at Berhampur, Visakhapatnam, Rajahmundry, Vijayawada and Hyderabad by crossing canal system at various locations under the jurisdiction of PIPLMC Circle, Tuni. The pipe line crosses PlP Left Main Canal, Thota Venkatachalam Pushkara Lift Irrigation Scheme, Surampalem Reservoir Scheme at the following locations.

Sl. No.	Chainage	Village	Canal name
PUSHKARA L.I. SCHEME			
1.	Talluru Lift @ 2.575 Km	Manyamvaripalem	Minor-1 of Dy.-1 of RMC of Talluru Lift
2.	Talluru Lift 2B @ 0.340 Km	Rajapudi	Pressure main of Talluru Lift 2B
3.	Talluru Lift 2B @ 0.500 Km	Rajapudi	Sub-minor 2 of sub Dy. Of Talluru 2B
4.	Talluru Lift 2B @ 2.325 Km	Mallisala	Sub Dy. of Talluru 2B
5.	Talluru Lift @ 1.004 Km	lrripaka	Tail Minor-1 of Tail Dy.
6.	Tadiparthi Minor @ 4.550 Km	Tadiparthi	Tadiparthi Minor
7.	Tadiparthi Dy. Canal @ 5.830 Km	Dharamavaram	Tadiparthi Dy. Canal
8.	@ Km.68.000	Rachapalli	

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9.	@ Km.O.390	Valluru	Tail end 7 Dy.
10.	@ Km.0.750	Hamsavaram	Minor 6 of Tail Dy.
11.	@ Km.3.500	AyyapaRajuKottapalem	Kothapalli Dy.
12.	@ Km.1.200	Chinayapalem	Kothapalli Dy.Minor.2
13.	@ Km.3.374	Chinayapalem	Ravikampadu Dy.2
14.	@ Km.3.505	Ravikampadu	Ravikampadu Dy.1
15.	@ Km.4.830	A.V.Nagaram	A.V.Nagaram Dy.
16.	@ Km.4.300	Chebrolu	Lakshmipuram Minor
17.	@ Km.2.071	Chebrolu	Lakshmipuram Sub- Minor
18.	@ Km.3.450	Chebrolu	Chebrolu Minor of Chebrolu Dy.
19.	@ Km.5.600	Chendurti	Chebrolu Dy.
SURAMPALEM RESERVOIR SCHEME:			
20.	Field Channel	Tirumalayapalem	
21.	Field Channel	Kanupuru	
22.	Field Channel	Kanupuru	
23.	Field Channel	Kanupuru	
24.	21R Distributory	Vedurupaka	
25.	21R Distributory	Kanupuru	
26.	Field Channel	Gadarada	
27.	@ Km 29.000 to 30.000	Tirumalayapalem	
PIP LEFT MAIN CANAL:			
28.	@ Km 68.000	PIPLMC	
29.	@ Km 18.300		Existing water supply canal
30 & 31	PIPLMC & Pushkara Main canal	Gummalladoddi	

The size of the pipeline is 16" OD X 0.438" wall thickness and OFC duct is also proposed along with pipeline crossings.

2. The Engineer-in-Chief, Polavaram Irrigation Project, Dowlaiswaram has also stated that there will be no hindrance for free flow of canal by laying the IOCL pipe with Horizontal Directional Drilling method (HDD) below 5m of existing bed level (minimum depth is 3m below the canal bed level as reported by IOCL) subject to the following conditions:-

1) The permission is subject to the condition that the Design/ Drawings formulated by the lOCL, for the subject works are to be approved by the competent authority of this department. The work shall be started after getting such approval.

2) The IOCL should take care that the pipeline should not cause any hindrance to the free flow of canal at any stage.

3) The IOCL has to pay the lease amount of Rs.2500/- (Rupees two thousand five hundred only) for each crossing on Thota Venkatachalam Pushkara Lift irrigation Scheme main canal. Surampalem Reservoir Scheme Canal and PIPLMC crossings per year.

4) An approved copy of estimate of the subject works shall be submitted to the department before starting of the work.

5) Due to future improvement or repairs or for any other purpose of the department, if the pipe line causes hindrance

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and is to be removed or suitably modified/shifted or re-laid, the IOCL shall carry out of that work at their own cost within the time frame stipulated by the department and the IOCL should not ask for any compensation on this account.

6) The IOCL shall take an insurance cover for indemnifying the Water Resources Department against any loss which may be caused to the canal works during the construction stage of petroleum pipe line crossing. The insurance cover shall be taken as directed by the Water Resources Department prior to the execution of the crossing works and shall be valid till one month after completion of the work.

7) Subsequently if any damage is caused to the canal during lOCL construction/Maintenance /inspection activities the cost of repair and damages shall be borne by the IOCL.

8) The IOCL shall be responsible for the preservation of the essential service of for any other accident to the property personal from injury or damage what so ever arising due to leakage, burst to the pipeline. The lOCL shall make good such damage or reimburse to the Water Resources Department for such loss due to damage in full as assessed by the Water Resources Department.

9) The IOCL shall ensure that all constructions/repairs /maintenance works of their petroleum pipe line are carried out with the prior approval of the Water Resources Department whose instructions shall be binding on the lOCL for carrying out such constructions/ repairs/Maintenance etc,. The pipeline repairs /maintenance works will be allowed only during closure period of the canal. The pipeline shall be used for the purpose for which the permission has been granted.

10) During execution, maintenance and operation of the canal works, if required the Water Resources Department shall have the right to execute any work, movement of heavy machinery and dismantling any other structures in carrying out construction/maintenance activities over the petroleum pipeline. However, the Water Resources Department will intimate the lOCL about such activities well in advance. lf any damage caused to the pipeline due to the above activity the Water Resources Department is not responsible and it is @ lOCL's own risks and costs.

11) The works may be carried out without giving scope to hindrance to the works being carried out at various locations of PlPLMC Thota Venkatachalam Pushkara Lift Irrigation Scheme main canal and Surampalem Reservoir Project canal.

12) lOCL should take the responsibility to restore all the irrigation systems to their original standards at their own cost and responsibility while laying this petroleum pipe line.

13) The IOCL should carry out their work only in the presence of the designated engineer of the Water Resources Department

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and the agency's technical personnel and shall pay supervision charges @ 12.5% of the cost of the crossings including material and construction cost which shall be deposited well in advance by D.D in favour of APAO/W&P/Kakinada under instructions to the Department.

14) An undertaking for the safety of the petroleum products pipeline and to ensure no leakages to avoid pollution of irrigation canal and drinking water which passes through the canals is to submitted to the department before starting of the work.

15) lOCL should deposit an amount of Rs. 10 lakh (Rupees ten lakh only) as deposit with the departments in favor of APAO/W&D/Kakinada for each crossing for restoration of damages if any occurred to the property of the department during / after laying of the pipeline. The amount of deposit is refundable after completion of the work to the satisfaction of irrigation authorities.

3. The Engineer-in-Chief, Polavaram Irrigation Project, Dowlaiswaram has therefore, requested for necessary orders of the Government according permission for laying the pipe.

4. Government, after careful examination of the matter, hereby accord permission to M/s Indian Oil Corporation Ltd. (IOCL) for laying underground petroleum product pipeline with 16" OD X 0.438" wall thickness and OFC (Optical Fiber Cable) duct for transportation of Petrol, Diesel, Aviation Turbine Fuel (ATF) and Kerosene from Paradip Refinery in Odisha to depots located at Berhampur, Visakhapatnam, Rajahmundry, Vijayawada and Hyderabad by crossing canal system at PlP Left Main Canal, Thota Venkatachalam Pushkara Lift Irrigation Scheme, Surampalem Reservoir Scheme at the various locations mentioned under para (1) above, under the jurisdiction of PIPLMC Circle, Tuni, subject to the conditions mentioned at para.(2) above.

5. The Engineer-in-Chief (Irrigation), Water Resources Department, Andhra Pradesh, Vijayawada and the Collector & District Magistrate of East Godavari district shall take necessary action in the matter, accordingly.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

SHASHI BHUSHAN KUMAR
SECRETARY TO GOVERNMENT

To
The Engineer-in-Chief (Irrigation), Water Resources Department,
Andhra Pradesh, Vijayawada.
The Engineer-in-Chief, Polavaram Irrigation Project, Dowlaiswaram.
The Collector & District Magistrate, East Godavari District.
The M/s Indian Oil Corporation Ltd. (IOCL), Paradip-Hyderabad Pipeline project Limited, D.No.54-20-7/10, Plat.No.33, Kanakadurga Officers Colony, Gurunanak Colony Road, Vijayawada.

Copy to :
The Private Secretary to Hon'ble Minister for Water Resources.
The Private Secretary to Secretary to Government,
Water Resources Department,
The Superintending Engineer, PIPLMC Circle, Tuni.
SF/SC

//FORWARDED::BY ORDER//

SECTION OFFICER.